

POLREP #3SHARON STEEL TANK SPILL

FPN #088-129

SHARON STEEL SUPERFUND SITE

FAIRMONT, MARION COUNTY, WV

ATTN: RRC, CHARLIE KLEEMAN, MELISSA WHITTINGTON

EVENT: OPA ACTIVATION TO REMOVE WASTE OIL/COAL TAR

I. SITUATION (THURSDAY, 09 JULY 1998, 1700 HOURS)

- A. ON 06 APRIL 1998, THE OSC OBTAINED USCG 2ND DISTRICT OPA FUNDING TO CLEAN UP A WASTE OIL/TAR SPILL AT THE FORMER SHARON STEEL FACILITY, FAIRMONT, WEST VIRGINIA. ORIGINAL CLEAN UP EFFORTS AND CONTAINMENT MEASURES WERE CONDUCTED ON 07 APRIL 1998.
- B. INFORMATION SUPPLIED BY WVDEP RCRA INSPECTOR JOHN HANDO STATED THAT A LOCAL CONTRACTOR HAD BEEN CONDUCTING LOGGING OPERATIONS ON THE SHARON STEEL AND BIG JOHNS PROPERTIES CONCURRENT WITH THE TIMING OF THE OIL/TAR RELEASE.
- C. PERSONNEL ON SITE: OSC-1, WVDEP-2, ERRS-4, SATA-1, PROPERTY OWNER-1.
- D. WEATHER: 08 JULY 1998 - HUMID WITH OCCASIONAL SHOWERS, TEMP IN MID 80'S.
- E. ESTIMATED PROJECT COSTS:

<u>AGENCY</u>	<u>CURRENT COSTS</u>	<u>CEILING</u>
ERRS (AS OF 24JUN98)	\$ 6,791	\$35,000
SATA	6,490	10,000
EPA DIRECT	945	2,000
UNALLOCATED/CONTINGENCY		3,000
 TOTAL	 \$14,226	 \$50,000

NOTE: ERRS IS AT 19.40% OF CURRENT CEILING. SATA IS AT 64.90% OF CURRENT CEILING.

II. ACTIONS TAKEN

WEDNESDAY, 08 JULY 1998.

- A. AT 0800 HOURS, THE OSC MET WITH RESPONSE MANAGER DAVE BAHURIAK AND A WORK CREW TO BEGIN PUMPING THE WASTE OIL/TAR FROM THE SCRAPPED TANK AND CONTAINMENT AREA INTO POLY TANKS STAGED ON SITE. ERRS HAD PREVIOUSLY ARRANGED FOR AN EXCAVATOR AND SMALL DOZER TO BE DELIVERED TO THE SITE FOR SOIL REMOVAL AND DISPOSAL ACTIVITIES.

- B. PREVIOUS ANALYTICAL RESULTS SHOWED ELEVATED LEVELS OF MERCURY IN THE WASTE OIL AND SATA MONITORED THE WORK ZONE FOR MERCURY AND ORGANIC VOLATILE VAPORS. NO ELEVATED LEVELS OF MERCURY WERE FOUND DURING THE PUMPING OPERATIONS. PUMPING OPS WERE CONDUCTED IN LEVEL C PPE WITH MERCURY/HEPA CARTRIDGES.
- C. THE DISPOSAL CONTRACTOR ARRANGED FOR THREE ROLL-OFFS TO BE DROPPED ON SITE AND ERRS BEGAN FILLING THE ROLL-OFFS WITH NON-HAZARDOUS SOIL FOR EVENTUAL DISPOSAL AT THE MEADOWFILL LANDFILL (SUBTITLE D), BRIDGEPORT, WEST VIRGINIA. AT 1540 HOURS, THE RM INFORMED THE OSC THAT NO ADDITIONAL ROLL-OFFS WOULD BE DROPPED UNTIL THE STATE APPROVED THE DISPOSAL OF NON-HAZ OIL CONTAMINATED SOIL AT MEADOWFILL. THE OSC IMMEDIATELY CALLED WVDEP RCRA INSPECTOR HANDO TO EXPEDITE STATE APPROVAL.
- D. ERRS BERMED THE AREA AROUND THE STAGED POLY TANKS PRIOR TO END OF DAY AT 1730 HOURS.

THURSDAY, 09 JULY, 1998

- E. ERRS WERE ON SITE AT 0700 HOURS AND SET UP TO CONTINUE PUMPING OPERATIONS AND SOIL DISPOSAL. SATA CONTINUED TO MONITOR THE WORK ZONE FOR MERCURY AND VOLATILE VAPORS.
- F. THE OSC WAS INFORMED THAT WVDEP HAD GIVEN THE CONTRACTOR VERBAL APPROVAL FOR THE DISPOSAL OF NON-HAZ OIL CONTAMINATED SOIL. ADDITIONAL ROLL-OFFS WERE DELIVERED AT 1050 HOURS AND THE FIRST ROLL-OFF OF NON-HAZARDOUS SOIL LEFT THE SITE AT 1100 HOURS.
- G. OSC DODD REQUESTED THAT OIL SATURATED SOILS SURROUNDING THE TANK AND SLUDGE WITHIN THE TANK BE DISPOSED OF IN SUBTITLE C LANDFILL. ERRS COLLECTED AN ADDITIONAL SAMPLE OF THE OIL SATURATED BERM SOIL FOR TCLP - HG DETERMINATION TO DETERMINE IF THE SOIL SHOULD BE DISPOSED OF AS HAZ OR NON-HAZ.
- H. AT 1100 HOURS, THE RM UPDATED THE OSC THAT THE WASTE TANK CONTAINED A LARGE AMOUNT OF DEBRIS/ SLUDGE AND SHOULD BE CUT OPEN TO FACILITATE THE DEBRIS REMOVAL. THE OSC, RM AND SATA DISCUSSED TANK CUTTING OPTIONS AND THE OSC REQUESTED THAT ERRS DRAFT A WORK PLAN FOR TANK CUTTING OPERATIONS WHICH SPECIFICALLY ADDRESSED HEALTH AND SAFETY ISSUES.
- I. AT 1415 HOURS, SATA COLLECTED COMBUSTIBLE GAS READINGS FROM THREE HEIGHTS OF THE TANK. EACH LEVEL INDICATED 0.0 LEL AND NO SIGNIFICANT CHANGE IN OXYGEN LEVELS FROM AMBIENT AIR. ORGANIC VAPORS WERE PRESENT AT A LEVEL NOT EXCEEDING 100 PPM, PRESUMABLY COMING FROM RESIDUAL TARS IN THE TANK. ERRS ADDED 480 POUNDS OF OIL ADSORBENT TO THE

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TANK TO FACILITATE AND STABILIZE THE RESIDUAL OIL/TAR IN THE TANK.

- I. AT 1600 HOURS, ERRS COMPLETED SCRAPING OF OIL CONTAMINATED SOIL FROM THE AREA AROUND THE DRAINAGE OUTLET DOWNGRAIENT OF THE CONTAINMENT AREA. ERRS COMPLETED PUMP, HOSE AND HEAVY EQUIPMENT DECONTAMINATION AND DEMOBED AT 1645 HOURS.

III. FUTURE PLANS

- A. TANK CUTTING OPERATIONS AND DISPOSAL OF CONTAMINATED SOIL AND OIL TENTATIVELY SCHEDULED FOR 16 JULY 1998.
- B. OSC TO CONTINUE COORDINATION OF REMOVAL ACTIVITIES WITH USCG, STATE AND LOCAL OFFICIALS.

JEFF DODD, OSC
US EPA REGION III
WHEELING, WV

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